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**VOLUME 0    MODEL CONTRACT  
DOCUMENT FOR MAJOR  
WORKS AND  
IMPLEMENTATION  
REQUIREMENTS**

**SECTION 2    IMPLEMENTING  
STANDARDS**

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**PART 25**

**SD 24/08**

**IMPLEMENTATION OF MAY 2008  
AMENDMENTS TO SPECIFICATION  
FOR HIGHWAY WORKS AND NOTES  
FOR GUIDANCE ON SPECIFICATION  
FOR HIGHWAY WORKS**

**SUMMARY**

This Standard introduces the May 2008 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorways contracts in the UK.

**INSTRUCTIONS FOR USE**

This is a new document to be incorporated into the manual.

1.    Insert SD 24/08 into Volume 0, Section 2.
2.    Please archive this sheet as appropriate.

Note: A quarterly index with a full set of Volume Contents Pages is available separately from The Stationery Office Ltd.



THE HIGHWAYS AGENCY



SCOTTISH GOVERNMENT



Llywodraeth Cynulliad Cymru  
Welsh Assembly Government

WELSH ASSEMBLY GOVERNMENT  
LLYWODRAETH CYNULLIAD CYMRU



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THE DEPARTMENT FOR REGIONAL DEVELOPMENT  
NORTHERN IRELAND

# Implementation of May 2008 Amendments to Specification for Highways Works and Notes for Guidance on Specification for Highway Works

**Summary:**

This Standard introduces the May 2008 amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works. Implementation requirements for the amendments are given for their use in trunk road including motorways contracts in the UK.

REGISTRATION OF AMENDMENTS

| Amend No | Page No | Signature & Date of incorporation of amendments | Amend No | Page No | Signature & Date of incorporation of amendments |
|----------|---------|---|----------|---------|---|
|          |         |   |          |         |   |

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# 1. INTRODUCTION AND IMPLEMENTATION

## Introduction

1.1 This Standard introduces the May 2008 national amendments to the Specification for Highway Works (SHW), the Notes for Guidance on Specification for Highway Works (NfG), the Highway Construction Details (HCD) and Preparation Bills of Quantities for Highway Works (MMHW).

1.2 The amendments are to be used in the preparation of documents for contracts for the construction, improvement or maintenance of trunk roads including motorways in England, Scotland, Wales and Northern Ireland. (In Northern Ireland, the amended documents will be applicable to those roads designated by the Overseeing Organisation.)

1.3 This amending Standard is to be used in conjunction with:

SD 1/98 (Implementation of Specification for Highway Works and Notes for Guidance)

SD 2/92 (Implementation of Highway Construction Details)

SD 3/98 (Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/94 (Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

Annex C of SD 6/95 (Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 6/98 (Implementation of 1998 Annual Amendments to Highway Construction Details)

SD 7/98 (Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance and Highway Construction Details)

SD 8/00 (Implementation of January 2000 and May 2000 Amendments to the Highway Construction Details)

SD 9/01 (Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 10/02 (Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 11/02 (Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 12/02 (Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 13/03 (Implementation of May 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Preparation of Bills of Quantities for Highway Works)

SD 14/03 (Implementation of August 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 15/03 (Implementation of November 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 16/04 (Implementation of May 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 17/04 (Implementation of November 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 18/05 (Implementation of May 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 19/05 (Implementation of November 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 20/06 (Implementation of May 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 21/06 (Implementation of November 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works)

SD 22/07 (Implementation of May 2007 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details)

SD 23/07 (Implementation of November 2007 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

SD 24/07 (Implementation of May 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works)

## Implementation

1.4 Contracts for construction, improvement or maintenance of all UK trunk roads including motorways (in Northern Ireland those roads designated by the Overseeing Organisation) shall be prepared using:

- (i) the documents contained in the Manual of Contract Documents for Highway Works (MCHW) March 1998 edition for Volumes 1 and 2, as amended in June, July, August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006, November 2006, February 2007, May 2007, November 2007 and May 2008.
- (ii) the 1991 edition for Volume 3 as amended in August 1993, August 1994, March 1998, July 1998, March 1999, January 2000, May 2000, May 2001, May 2002 February 2003, August 2003, November 2003, May 2004, November 2004 May 2005, November 2005, May 2006 and November 2006.
- (ii) the March 1998 edition for Volume 4 as amended in May 2001, May 2002, February 2003, May 2003, November 2003, May 2004, November 2004, May 2005 and November 2006.

Contracts for which tenders are to be invited after 1 November 2008 shall incorporate by reference the amendments implemented by this Standard, except where the preparation of a contract has reached a stage at which in the opinion of the Overseeing Organisation use of the amendments would result in significant additional expense or delay progress.

1.5 The method of incorporating the amendments to the SHW by reference in tender documents is explained in the Notes for Guidance, Series NG 000, and sub-Clause NG 000.4. The amendment to the Notes for Guidance includes a revised Schedule of Pages and Relevant Publication Dates. A model Preamble is included in the Notes for Guidance. The Preamble to the Specification and the Schedule of Pages and Relevant Publication Dates shall be reproduced unaltered and bound in the Specification with the Numbered Appendices.



1.6 The drawings from the HCD brought into the Contract by reference are to be listed in Appendix 0/4 and dated as appropriate (sub-Clause NG 003.13 and NG Sample Appendix 0/4 in the Notes for Guidance refer).

### Superseded Text and Drawings

1.7 Superseded text and drawings in the MCHW Volumes 1, 2, 3 and 4 shall be retained:

- (i) for those schemes for which the Contract has already been awarded using contract documents incorporating by reference the superseded text, and
- (ii) for new schemes for which specific approval has been given to use the superseded text under paragraph 1.4 above.

In these cases, working copies of the MCHW should not have the new amendments incorporated.

1.8 Where working copies of the MCHW are maintained for use on new schemes not covered by the exceptions in paragraph 1.7 above, the superseded pages should be removed and replaced with amended pages (together with all new pages issued).

1.9 Instructions for incorporating the amendments are contained in the published amendment packages.

1.10 The Overseeing Organisations will ensure each office retains an archive copy of MCHW Volumes 0 to 6 incorporating the relevant amendments.



## 2. REFERENCES

### 2.1 Manual of Contract Documents for Highway Works:

Volume 0: Model Contract Document for Major Works and Implementing Requirements (MCHW 0)

Section 2: Implementing Standards

Part 1 SD 1/98 Implementation of Specification for Highway Works and Notes for Guidance

Part 2 SD 2/92 Implementation of Highway Construction Details (Paragraph 1.5 is superseded by SD 6/94)

Part 3 SD 3/98 Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/94 Implementation of 1993 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 5 SD 6/95 Implementation of 1994 Annual Amendments to Specification for Highway Works and Notes for Guidance, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 7 SD 6/98 Implementation of 1998 Annual Amendments to Highways Construction Details

Part 8 SD 7/98 Implementation of July 1998 Amendments to Specification for Highway Works, Notes for Guidance, and Highway Construction Details

Part 9 SD 8/00 Implementation of January 2000 and May 2000 Amendments to the Highways Construction Details

Part 10 SD 9/01 Implementation of May 2001 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 11 SD 10/02 Implementation of May 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 12 SD 11/02 Implementation of November 2002 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works

Part 13 SD 12/03 Implementation of February 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works

Part 14 SD 13/03 Implementation of May 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Preparation of Bills of Quantities for Highway Works

|         |          |  |            |  |   |
|---------|----------|--|------------|--|---|
| Part 15 | SD 14/03 | Implementation of August 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works and Highway Construction Details   | Part 21    | SD 20/06   | Implementation of May 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details  |
| Part 16 | SD 15/03 | Implementation of November 2003 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works | Part 22    | SD 21/06   | Implementation of November 2006 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works |
| Part 17 | SD 16/04 | Implementation of May 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works         | Part 23    | SD 22/07   | Implementation of May 2007 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details and Preparation of Bills of Quantities for Highway Works   |
| Part 18 | SD 17/04 | Implementation of November 2004 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works    | Part 24    | SD 23/07   | Implementation of November 2007 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works   |
| Part 19 | SD 18/05 | Implementation of May 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works, Highway Construction Details and Preparation of Bills of Quantities for Highway Works         | Part 25    | SD 24/08   | Implementation of May 2008 Amendments to Specification for Highway Works and Notes for Guidance on Specification for Highway Works  |
| Part 20 | SD 19/05 | Implementation of November 2005 Amendments to Specification for Highway Works, Notes for Guidance on Specification for Highway Works and Highway Construction Details  | Volume 1:  | Specification for Highway Works (MCHW 1)                           |   |
|         |          |  | Volume 2:  | Notes for Guidance on the Specification for Highway Works (MCHW 2) |   |
|         |          |  | Volume 3:  | Highway Construction Details (MCHW 3)                              |   |
|         |          |  | Section 1: | Carriageway and Other Details                                      |   |
|         |          |  | Section 2: | Not Used (05/04)   |   |
|         |          |  | Section 3: | National Motorway Communications System Installation Drawings      |   |

Volume 4: Bills of Quantities for Highway Works  
(MCHW 4)

Section 1: Method of Measurement for  
Highway Works (MMHW)

Section 2: Notes for Guidance on the Method  
of Measurement for Highway Works  
(NGMMHW)

Section 3: Library of Standard Item  
Descriptions (LSID)

WITHDRAWN

### 3. ENQUIRIES

All technical enquiries or comments on this Standard should be sent in writing as appropriate to:

Chief Highway Engineer  
The Highways Agency  
123 Buckingham Palace Road  
London  
SW1W 9HA

G CLARKE  
Chief Highway Engineer

Director, Major Transport Infrastructure Projects  
Transport Scotland  
8th Floor, Buchanan House  
58 Port Dundas Road  
Glasgow  
G4 0HF

A C McLAUGHLIN  
Director, Major Transport Infrastructure  
Projects

Chief Highway Engineer  
Transport Wales  
Welsh Assembly Government  
Cathays Parks  
Cardiff  
CF10 3NQ

M J A PARKER  
Chief Highway Engineer  
Transport Wales

Director of Engineering  
The Department for Regional Development  
Roads Service  
Clarence Court  
10-18 Adelaide Street  
Belfast BT2 8GB

R J M CAIRNS  
Director of Engineering

**Schedule of May 2008 Amendments to Volume 1** (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006, November 2006, May 2007, November 2007 and May 2008)

**Specification for Highway Works**

| Series               | Additional Clauses/Tables/Figures   | Amended Clauses/Tables/Figures   |
|----------------------|---|--|
| Series 300           | 301.2<br>304.2  | 304.3<br>304.4<br>304.5<br>304.6<br>311.2<br>311.2(i) to (vii)<br>311.2(vii)   |
| Series 500           |   | 513.1(iii)   |
| Series 800           |   | Table 8/2  |
| Series 1200          |   | 1212.18  |
| Series 1900          |   | 1903.4 amend spelling of title before 1903.4<br>1906.3(i)<br>1906.25<br>Table 19/2B  |
| Series 2400          |   | 2406.1 amend spelling of title before 2406.1<br>2406.2<br>2406.3<br>2407.1<br>2408.1<br>2417.2<br>2417.3<br>2417.5   |
| Series 3000          |   | 3006.8<br>3006.27<br>3006.55<br>3009.5<br>3009.6<br>3010.5<br>Table 30/1   |
| Appendix A<br>Part 1 | Table A/1:<br>Scheme 12A/B – 12D, 17B, 22 added<br>Series 7100, 7300 added<br>Note 9 added<br><br>Table A/2:<br>Scheme 12B, 22 added<br>Note 11, 12, 13 added | Accepted Quality Management Schemes paragraphs amended<br>Table A/1:<br>Note 8 amended<br>Scheme 12, 13 deleted<br><br>Table A/2:<br>Note 7, 8 amended<br>Table below Notes deleted  |
| Appendix A<br>Part 2 |   | Scheme 1 Specification BS details updated<br>Scheme 2B Specification<br>Scheme 2C Specification BS details updated<br>Notes 2, 4 amended<br>Scheme 3 Title amended<br>Specification BS details updated<br>Note 1 deleted<br>Note 3 amended |

**Schedule of May 2008 Amendments to Volume 1** (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006, November 2006, May 2007, November 2007 and May 2008)

**Specification for Highway Works (continued)**

| Series                       | Additional Clauses/Tables/Figures | Amended Clauses/Tables/Figures  |
|------------------------------|-----------------------------------|---|
| Appendix A<br>Part 2 (contd) |                                   | <p>Scheme 4 Title amended</p> <p>Scheme 5A Specification<br/>Note 1 amended</p> <p>Scheme 8 deleted</p> <p>Scheme 8, 9B and 10 Specification<br/>Note 1 amended</p> <p>Scheme 9 deleted</p> <p>Scheme 9A Title amended<br/>Specification<br/>Note 1 amended</p> <p>Scheme 10 deleted</p> <p>Scheme 12A</p> <p>Scheme 12B</p> <p>Scheme 12A/B Specification<br/>Note 1 amended</p> <p>Scheme 12C Specification<br/>Note 1 amended</p> <p>Scheme 12D Specification<br/>Note 1 amended</p> <p>Scheme 13A Specification<br/>Note 4 amended</p> <p>Scheme 13B Specification<br/>Note 5 amended</p> <p>Scheme 14 Specification<br/>BS details updates<br/>Note 4 amended</p> <p>Scheme 15 Title amended<br/>Certification Bodies amended<br/>Specification</p> <p>Scheme 16 Specification<br/>Note 5 amended<br/>BS details updated</p> <p>Scheme 17 Specification<br/>Note 1 amended</p> <p>Scheme 17B Specification<br/>Note 1 amended</p> <p>Scheme 18 Specification<br/>Note 1 amended</p> <p>Scheme 19A Title amended<br/>Specification<br/>Note 1 amended</p> <p>Scheme 21 Specification</p> <p>Scheme 22</p> |

**Schedule of May 2008 Amendments to Volume 2** (as amended in August 1998, May 2001, May 2002, November 2002, February 2003, May 2003, August 2003, November 2003, May 2004, November 2004, May 2005, November 2005, May 2006, November 2006, May 2007, November 2007 and May 2008)

**Notes for Guidances on the Specification for Highway Works**

| Series         | Additional Clauses/Tables/Figures | Amended Clauses/Tables/Figures  |
|----------------|-----------------------------------|---|
| Series NG 300  |                                   | NG 311.1 to 311.11<br>NG 311.12 deleted<br>NG Sample Appendix 3/1<br>sub clause reference in Clause 2(i)  |
| Series NG 2400 |                                   | NG 2407.1<br>NG Sample Appendix 24/1<br>amendment to clause 6   |
| Series NG 3000 | NG 3009.4                         | NG 3001.2<br>NG 3002.6<br>NG 3005.2(i)<br>NG 3005.9<br>NG 3006.2<br>NG 3006.8<br>NG 3006.11<br>NG 3006.12<br>NG 3006.14<br>NG 3006.15<br>NG 3006.17<br>NG 3007.18<br>NG 3009.1<br>NG 3009.2<br>NG 3009.3<br>NG 3010.3<br>NG 3010.5<br>NG 3010.8 |